

DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATION

() Original () Supplemental () Substitute (X) PCT () DESIGN

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: DISK MEMORY DEVICE, DATA PREREADING METHOD, AND RECORDING MEDIA

of which is described and claimed in:

() the attached specification, or
 () the specification in application Serial No. _____, filed _____, and with amendments through _____, or
 (X) the specification in International Application No. PCT/JP01/02735, filed March 30, 2001, and as amended on November 30, 2001 (if applicable).

I hereby state that I have reviewed and understand the content of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge my duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim priority benefits under Title 35, United States Code, §119 (and §172 if this application is for a Design) of any application(s) for patent or inventor's certificate listed below and have also identified below any application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NO.	DATE OF FILING	PRIORITY CLAIMED
Japan	2000-99040	March 31, 2000	YES

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	U.S. FILING DATE	STATUS: PATENTED, PENDING, ABANDONED

And I hereby appoint Michael R. Davis, Reg. No. 25,134; Matthew M. Jacob, Reg. No. 25,154; Warren M. Cheek, Jr., Reg. No. 33,367; Nils Pedersen, Reg. No. 33,145; Charles R. Watts, Reg. No. 33,142; and Michael S. Huppert, Reg. No. 40,268, who together constitute the firm of WENDEROTH, LIND & PONACK, L.L.P., as well as any other attorneys and agents associated with Customer No. 000513, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

I hereby authorize the U.S. attorneys and agents named herein to accept and follow instructions from HAYASE & CO. as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and myself. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by me.

Direct Correspondence to Customer No:  000513 PATENT TRADEMARK OFFICE	Direct Telephone Calls to: WENDEROTH, LIND & PONACK, L.L.P. 2033 "K" Street, N.W. Suite 800 Washington, D.C. 20006-1021 Phone: (202) 721-8200 Fax: (202) 721-8250
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Full Name of First Inventor	FAMILY NAME <u>TAKAICHI</u>	FIRST GIVEN NAME <u>Noriaki</u>	SECOND GIVEN NAME
Residence & Citizenship	CITY <u>Saijo--shi</u>	STATE OR COUNTRY <u>Japan</u>	COUNTRY OF CITIZENSHIP <u>Japan</u> <i>JPX</i>
Post Office Address	ADDRESS <u>235-1-306, Kitagawa, Saijo-shi, Ehime 793-0042 Japan</u>	CITY	STATE OR COUNTRY ZIP CODE
Full Name of Second Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
Full Name of Third Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
Full Name of Fourth Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
Full Name of Fifth Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
Full Name of Sixth Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY ZIP CODE

I further declare that all statements made herein of my own knowledge are true, and that all statements on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1st Inventor Noriaki Takaichi Date January 10, 2002
Noriaki TAKAICHI

2nd Inventor _____ Date _____

3rd Inventor _____ Date _____

4th Inventor _____ Date _____

5th Inventor _____ Date _____

6th Inventor _____ Date _____

The above application may be more particularly identified as follows:

U.S. Application Serial No. NEW Filing Date November 30, 2001

Applicant Reference Number P-24794-02 Atty Docket No. 2001-1772A

Title of Invention DISK MEMORY DEVICE, DATA PREREADING METHOD, AND RECORDING MEDIA

2001-1772A

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Honorable Assistant Secretary and Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) thereof.

1. Name of conveying party(ies): Noriaki TAKAICHI Additional name(s) of conveying party(ies) attached? <u>NO</u>	2. Name and address of receiving party(ies): Name: <u>Matsushita Electric Industrial Co., Ltd.</u> Street Address: <u>1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan</u>
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>January 10, 2002</u>	Additional name(s) & address(es) attached? <u>NO</u>
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) <u>09/980,311, filed November 30, 2001</u>	
B. Patent No.(s) Additional numbers attached? <u>NO</u>	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>WENDEROTH, LIND & PONACK, L.L.P.</u> <u>Attn: Nils E. Pedersen, Esq.</u> Street Address: <u>2033 K Street, N.W., Suite 800</u> City: <u>Washington</u> , State: <u>DC</u> ZIP: <u>20006-1021</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41). <u>\$40.00</u> <input checked="" type="checkbox"/> Enclosed (Check No. <u>48779</u>) Authorized to be charged to deposit account 8. Deposit account number: <u>23-0975</u> <small>(Attach duplicate copy of this page if paying by deposit account)</small>

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Nils E. Pedersen, Reg. No. 33,145
 Name of Person Signing

Signature

February 7, 2002
 Date

Total number of pages including cover sheet: 3

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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Noriaki TAKAICHI

**Insert Name(s)
of Inventor(s)**

the undersigned hereby sell(s) and assign(s) to

**Insert Name(s)
of Assignee(s)**

Matsushita Electric Industrial Co., Ltd.

Address

of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

**Title of
Invention**

DISK MEMORY DEVICE, DATA PREREADING METHOD, AND RECORDING MEDIA

**Date of Signing
Application**

for which an application for patent in the United States has been executed by the undersigned on

January 10, 2002

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, DC 20006, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date January 10, 2002, Name of Inventor

Noraki Takaichi

Date _____, Name of Inventor _____

Noriaki TAKAICHI

Date , Name of Inventor

Date _____, Name of Inventor

Date _____, Name of Inventor

Date _____, Name of Inventor

1

(This assignment should preferably be acknowledged before a United States Notary Public. Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness

Masanori Watanabe.

Witnesses

Sidiki Minemoto

ACKNOWLEDGMENT

} ss

This _____ day of _____, 19_____, before me personally came the above-named

to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

Official Signature

Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. **Filing Date** **November 30, 2001**

Applicant Reference No. P-24794-02

Filing Date November 30, 2001

Title of Invention DISK MEMORY DEVICE

Atty. Docket No. 2001-1772A

Title of Invention DISK MEMORY DEVICE, DATA PREREADING METHOD, AND RECORDING MEDIUM